A long-term perspective plan for sustainable rainfed agriculture through watershed approach will be vigorously pursued for development of two thirds of India's cropped area which is dependent on rains.

(c) Does not arise.

**Promotion of tissue culture**

3724. SHRI SURENDRA LATH : Will the Minister of AGRICULTURE be pleased to state :

(a) the Centrally sponsored schemes through which tissue culture is being promoted in different States;

(b) whether Government have taken any steps in that regard in Orissa; and

(c) if so, the details of major fruit crops in that State indentified for tissue culture ?

THE MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE (SHRI HUKUMDEO NARAYAN YADAV) : (a) The Government is implementing a Centrally Sponsored Scheme on Macro Management in Agriculture-Supplementation/Complementation of State Efforts through Work Plans, under which the State Governments can take up various programmes for development as per their felt needs and requirements. Establishment of tissue culture units in the public as well as private sector is one of the components of the scheme.

(b) and (c) Yes, Sir. Under the Macro Management Scheme of the Government, Orissa has covered 28.16 hectares under tissue culture banana at an expenditure of Rs. 8.45 lakhs during 2001-02 and 2002-03. A sum of Rs. 30.00 lakhs has been earmarked for covering 100 hectares under tissue culture banana during the year 2003-04.

**Production, storage, import/export of wheat, sugar, rice and pulses**

†3725. SHRI MUNAVVAR HASAN : Will the Minister of AGRICULTURE be pleased to state :

(a) the total production, consumption and surplus of wheat, sugar, rice and pulses in various States of the country during the last three years;

(b) the total import and export of wheat, sugar, rice and pulses during the above period;

(c) the total stock of wheat, sugar, rice and pulses in the country as on 31st March, 2003; and

† Original notice of the question was received in Hindi.

(d) per quintal import and export price of wheat, rice, sugar and pulses during the said period ?

THE MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE (SHRI HUKUMDEO NARAYAN YADAV) : (a) The production estimates of wheat, rice, pulses and sugarcane in various States of the country during the agriculture years (July-June) 1999-2000, 2000-01 and 2001-02 are given in Statement-I. (*See* below) Normally, it is assumed that the production of crystal sugar from crushed cane is 9.97%.

The consumption estimates of various items by households are estimated by the National Sample Survey Organisation (NSSO) on the basis of the data collected by them through All-India Consumer Expenditure Surveys. The NSSO has worked out the latest State-wise estimates of per capita consumption of wheat, rice, pulses and pulse products and sugar pertaining to the year 1999-2000, which are placed at Statement-II. (*See* below)

The High Level Committee on Long-Term Grain Policy constituted under the Department of Food and Public Distribution in its report (July 2002) has indicated that during 1999-2000 only Haryana, Punjab, Madhya Pradesh and Uttar Pradesh had surplus in wheat, *i.e.* an excess of net official production over NSS consumption. In rice, in addition to the above-mentioned four States, West Bengal also had surplus. The major sugarcane producing States are Uttar Pradesh, Maharashtra, Karnataka and Tamil Nadu, which together account for around 80 per cent of the total production in the country. These States accounted for about 75 per cent of the total stock in the country placed at 16.43 million tonnes as on 15-3-2003, which is indicative of surplus production of sugar in the country. As regards pulses, India is a net importer because the domestic production is inadequate to meet domestic demand.

(b) The total import and export of wheat, rice, pulses and sugar during the financial years (April-March) 1999-2000, 2000-01 and 2001-02 are given in Statement-III. (*See* below)

(c) The stock position of wheat and rice under Central Pool as on 1st March, 2003 was 18.58 million tonnes and 17.61 million tonnes respectively. The stock position of pulses as procured by National Agricultural Co-operative Marketing Federation of India Limited (NAFED) under Price Support Scheme for pulses upto 21-4-2003 is 17.24 thousand tonnes. As regards sugar, the total stock in the country as on 15-3-2003 is 16.43 million tonnes.

(d) The average per quintal export and import prices of wheat, rice, pulses and sugar during the financial years (April-March) 1999-2000, 2000-01 and 2001-02 are given in Annexure-III.

*Statement-I*

*Estimates of Production of Wheat, Rice, Pulses and Sugarcane during 1999-2000 to 2001-02*

('000 Tonnes)

| State/UT | Wheat | | | Rice | | | Pulses | | | Sugarcane | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1999-2000 | 2000-01 | 2001-02 | 1999-2000 | 2000-01 | 2001-02 | 1999-2000 | 2000-01 | 2001-02 | 1999-2000 | 2000-01 | 2001-02 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| Andhra Pradesh | 9.0 | 8.0 | 10.00 | 10637.8 | 12458.0 | 11390.0 | 800.2 | 1054.2 | 1135.1 | 18508 | 17690.1 | 17607.5 |
| Arunachal Pradesh | 5.1 | 6.2 | 5.3 | 134.8 | 132.7 | 134.6 | 4.9 | 6.8 | 7.2 | — | — | — |
| Assam | 98.0 | 85.7 | 85.3 | 3861.0 | 3998.5 | 3854.3 | 64.0 | 62.3 | 66.1 | 1155.0 | 988.0 | 1011.4 |
| Bihar | 4687.1 | 4438.0 | 4383.6 | 7251.9 | 8164.1 | 5281.6 | 746.9 | 620.7 | 564.8 | 4088.5 | 3987.6 | 5818.3 |
| Chhttisgarh* | — | 79.5 | 99.1 | — | 2369.3 | 5132.6 | — | 267.5 | 423.0 | — | 8.6 | 10.2 |
| Goa | — | — | — | 208.9 | 142.1 | 126.5 | 9.0 | 9.6 | 8.4 | 68.4 | 72.8 | 70.6 |
| Gujarat | 1020.0 | 649.0 | 1144.7 | 984.9 | 472.7 | 1028.7 | 405.6 | 190.7 | 383.1 | 14066.2 | 12694.7 | 12464.6 |
| Haryana | 9650.0 | 9669.0 | 9437.0 | 2583.0 | 2695.0 | 2724.0 | 76.2 | 99.4 | 150.1 | 7640.0 | 8170.0 | 9330.0 |
| Himachal Pradesh | 583.3 | 251.3 | 604.2 | 120.4 | 124.9 | 137.4 | 14.8 | 19.7 | 14.1 | 67.4 | 60.5 | 82.7 |
| J & K | 434.3 | 148.7 | 343.1 | 391.1 | 414.9 | 421.8 | 14.1 | 12.9 | 12.7 | 0.4 | 0.0 | 0.0 |
| Jharkhand* | — | 103.6 | 103.6 | — | 1644.7 | 1644.7 | — | 96.0 | 93.7 | — | 144.9 | 144.9 |
| Karnataka | 217.6 | 244.0 | 196.0 | 3716.7 | 3846.7 | 3170.0 | 848.7 | 956.2 | 756.0 | 37566.9 | 42923.5 | 33754.0 |
| Kerala | — | — | — | 770.8 | 751.3 | 715.1 | 19.1 | 10.6 | 10.5 | 578.8 | 275.6 | 275.6 |
| Madhya Pradesh | 8685.2 | 4869.4 | 5632.3 | 6376.5 | 982.1 | 1663.6 | 3780.5 | 2275.4 | 3020.1 | 1991.0 | 1660.4 | 2090.0 |
| Maharashtra | 1436.1 | 948.0 | 1077.0 | 2558.9 | 1929.2 | 2651.3 | 2206.1 | 1637.4 | 1880.5 | 53143.0 | 49589.0 | 45140.0 |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manipur | — | — | — | 365.0 | 381.7 | 387.3 | — | 3.2 | 3.1 | 21.2 | 24.2 | 21.2 |
| Meghalaya | 7.0 | 6.9 | 6.9 | 170.7 | 179.0 | 180.1 | 4.6 | 3.5 | 3.5 | 0.2 | 0.2 | 0.5 |
| Mizoram | — | — | — | 88.4 | 103.7 | 105.8 | 7.3 | 3.9 | 3.9 | 1.5 | 6.4 | 9.4 |
| Nagaland | 12.5 | 10.0 | 15.0 | 132.4 | 230.0 | 237.3 | 13.5 | 21.1 | 29.7 | 30.0 | 35.0 | 50.0 |
| Orissa | 7.7 | 12.9 | 10.6 | 5187.0 | 4614.0 | 7148.4 | 264.8 | 212.7 | 276.3 | 1080.3 | 963.9 | 547.7 |
| Punjab | 15910.0 | 15551.0 | 15499.0 | 8716.0 | 9154.0 | 8816.0 | 45.4 | 44.4 | 36.0 | 6770.0 | 7770.0 | 8818.0 |
| Rajasthan | 6731.9 | 5547.1 | 6389.0 | 252.6 | 155.7 | 180.0 | 890.9 | 731.5 | 1426.1 | 786.8 | 561.3 | 432.1 |
| Sikkim | 12.8 | 10.1 | 9.8 | 23.4 | 21.4 | 22.3 | 6.1 | 5.2 | 5.6 | — | — | — |
| Tamil Nadu | 0.0 | 0.1 | 0.0 | 7532.1 | 7366.3 | 6872.8 | 370.8 | 312.7 | 289.6 | 34285.0 | 33188.0 | 36335.7 |
| Tripura | 2.4 | 2.2 | 18.0 | 505.7 | 513.4 | 608.8 | 4.4 | 5.9 | 5.5 | 51.3 | 54.1 | 52.2 |
| Uttar Pradesh | 25976.4 | 25168.3 | 25018.5 | 13231.0 | 11679.2 | 12458.5 | 2598.8 | 2160.3 | 2385.6 | 115418.9 | 106067.5 | 116218.5 |
| Uttaranchal* | — | 714.6 | 734.8 | — | 621.5 | 614.4 | — | 21.8 | 19.0 | — | 7349.2 | 7555.3 |
| West Bengal | 850.8 | 1058.6 | 961.5 | 13759.7 | 12428.1 | 15256.7 | 211.5 | 219.3 | 175.2 | 1762.8 | 1465.6 | 1983.4 |
| A & N Islands | — | — | — | 28.4 | 32.2 | 27.3 | 0.3 | 0.4 | 0.2 | 4.7 | 4.7 | 2.4 |
| D & N Haveli | 0.9 | 0.8 | 0.6 | 22.1 | 20.0 | 19.3 | 4.5 | 5.0 | 3.9 | — | — | — |
| Delhi | 30.8 | 97.9 | 29.4 | 6.7 | 5.0 | 5.9 | 0.1 | 0.4 | 0.1 | — | — | — |
| Daman & Diu | — | — | — | 5.6 | 3.2 | 4.0 | 1.3 | 1.3 | 1.1 | — | — | — |
| Pondicherry | — | — | — | 59.4 | 63.5 | 63.4 | 3.9 | 3.6 | 0.7 | 237.6 | 200.4 | 170.2 |
| All India : | 76368.9 | 69680.9 | 71814.3 | 89682.9 | 87698.1 | 93084.5 | 13418.3 | 11075.6 | 13190.5 | 299323.9 | 295956.2 | 300096.4 |

*Separate estimates for the newly carved out States available from 2000-01.

*Statement-II*

*State-wise Monthly Average Consumption of Wheat, Rice, Pulses and Sugar per person in Rural and Urban areas in 1999-2000*

| State | Wheat (Kg.) | | Rice (Kg.) | | Pulses & Pulse Products (Kg.) | | Sugar (Rs.) | |
|---|---|---|---|---|---|---|---|---|
| | Rural | Urban | Rural | Urban | Rural | Urban | Rural | Urban |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| Andhra Pradesh | 0.22 | 0.86 | 11.71 | 9.91 | 0.72 | 0.86 | 6.76 | 9.20 |
| Arunachal Pradesh | 0.71 | 2.70 | 13.23 | 11.39 | 1.27 | 2.34 | 7.85 | 10.22 |
| Assam | 0.69 | 1.34 | 11.94 | 10.91 | 0.50 | 0.72 | 7.30 | 10.53 |
| Bihar | 5.27 | 6.07 | 7.98 | 6.61 | 0.73 | 0.86 | 6.53 | 10.30 |
| Goa | 2.45 | 3.37 | 8.47 | 6.54 | 0.57 | 0.98 | 15.93 | 16.91 |
| Gujarat | 3.64 | 5.44 | 2.10 | 2.01 | 0.88 | 0.99 | 17.11 | 17.55 |
| Haryana | 10.05 | 8.15 | 1.00 | 1.16 | 0.95 | 0.88 | 30.42 | 22.56 |
| Himachal Pradesh | 6.53 | 6.36 | 4.18 | 3.80 | 1.21 | 1.22 | 18.68 | 19.03 |
| Jammu & Kashmir | 4.71 | 3.99 | 7.90 | 8.78 | 0.96 | 0.85 | 12.85 | 11.14 |
| Karnataka | 1.03 | 1.67 | 5.38 | 6.24 | 0.95 | 1.00 | 11.94 | 13.68 |
| Kerala | 0.95 | 1.24 | 8.93 | 8.00 | 0.46 | 0.58 | 12.07 | 12.48 |
| Madhya Pradesh | 6.25 | 7.43 | 5.50 | 3.44 | 0.85 | 0.98 | 11.31 | 15.20 |
| Maharashtra | 3.52 | 4.85 | 3.18 | 3.46 | 0.98 | 0.99 | 14.91 | 15.34 |
| Manipur | 0.19 | 0.10 | 15.86 | 15.43 | 5.40 | 25.73 | 5.42 | 5.96 |
| Meghalaya | 0.10 | 0.79 | 11.29 | 9.70 | 0.26 | 0.44 | 10.16 | 11.59 |
| Mizoram | 0.33 | 1.34 | 12.28 | 11.98 | 0.84 | 0.76 | 14.65 | 16.15 |
| Nagaland | 0.39 | 1.09 | 14.10 | 11.71 | 0.77 | 0.60 | 13.40 | 11.75 |
| Orissa | 0.59 | 2.26 | 14.16 | 12.18 | 0.45 | 0.73 | 5.91 | 9.56 |
| Punjab | 9.66 | 8.04 | 0.70 | 1.11 | 0.90 | 0.99 | 31.72 | 26.00 |
| Rajasthan | 9.82 | 10.56 | 0.23 | 0.52 | 0.64 | 0.94 | 17.48 | 18.16 |
| Sikkim | 0.73 | 4.84 | 10.27 | 8.90 | 0.47 | 0.61 | 4.96 | 8.25 |
| Tamil Nadu | 0.36 | 0.87 | 9.82 | 8.69 | 0.79 | 0.97 | 7.03 | 10.13 |
| Tripura | 0.34 | 0.71 | 12.74 | 12.48 | 0.46 | 0.61 | 6.56 | 10.35 |
| Uttar Pradesh | 8.98 | 7.88 | 4.34 | 2.89 | 1.05 | 0.96 | 13.04 | 15.11 |
| West Bengal | 1.07 | 2.79 | 12.51 | 8.37 | 0.46 | 0.59 | 6.73 | 10.51 |
| A & N Islands | 1.18 | 2.19 | 9.81 | 8.02 | 1.03 | 1.06 | 12.47 | 12.69 |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|---|---|---|---|---|---|---|---|---|
| Chandigarh | 6.80 | 7.04 | 2.54 | 1.64 | 1.09 | 1.21 | 26.74 | 20.80 |
| D & N Haveli | 1.51 | 3.63 | 7.13 | 5.55 | 1.22 | 1.22 | 7.42 | 14.98 |
| Daman & Diu | 2.53 | 4.85 | 8.89 | 4.04 | 1.16 | 0.92 | 11.90 | 14.90 |
| Delhi | 6.11 | 6.72 | 1.74 | 1.88 | 0.85 | 1.05 | 14.22 | 15.14 |
| Lakshadweep | 0.84 | 1.54 | 10.35 | 9.34 | 0.32 | 0.54 | 32.42 | 27.19 |
| Pondicherry | 0.38 | 0.69 | 10.56 | 8.91 | 0.76 | 0.94 | 6.90 | 9.48 |
| All India | 4.55 | 4.77 | 6.78 | 5.22 | 0.81 | 0.96 | 11.57 | 14.00 |

*Statement-III*

*India's Import & Export of Wheat, Rice, Pulses and Sugar during 1999-2000, 2000-01 and 2001-02 and Average Prices of these Imports & Exports in Rupees per Quintal*

| Year | | Parameter | Unit | Wheat | Rice | Pulses | Sugar |
|---|---|---|---|---|---|---|---|
| 1999-2000 | Import | Quantity | Tonnes | 1365967 | 34991 | 250766 | 1181183 |
| | | Value | Rs. Lakh | 77434.69 | 2994.82 | 35469.04 | 111079.90 |
| | | Average Price | Rs./Qtl. | 567 | 856 | 1414 | 940 |
| | Export | Quantity | Tonnes | 4 | 1896175 | 194181 | 12990 |
| | | Value | Rs. Lakh | 0.26 | 312592.21 | 41956.39 | 1813.50 |
| | | Average Price | Rs./Qtl. | 650 | 1649 | 2161 | 1396 |
| 2000-01 | Import | Quantity | Tonnes | 4224 | 13193 | 349844 | 30404 |
| | | Value | Rs. Lakh | 287.45 | 1778.08 | 49847.40 | 3111.36 |
| | | Average Price | Rs./Qtl. | 681 | 1348 | 1425 | 1023 |
| | Export | Quantity | Tonnes | 813491 | 1531284 | 244082 | 338691 |
| | | Value | Rs. Lakh | 41508.64 | 293220.86 | 53707.53 | 43097.73 |
| | | Average Price | Rs./Qtl. | 510 | 1915 | 2200 | 1272 |
| 2001-02 | Import | Quantity | Tonnes | 1351 | 62 | 2177132 | 26578 |
| | | Value | Rs. Lakh | 83.84 | 5.98 | 315565.59 | 3260.15 |
| | | Average Price | Rs./Qtl. | 621 | 965 | 1449 | 1227 |
| | Export | Quantity | Tonnes | 2649380 | 2198191 | 159547 | 1456221 |
| | | Value | Rs. Lakh | 133020.73 | 316344.13 | 36618.14 | 172803.91 |
| | | Average Price | Rs./Qtl. | 502 | 1439 | 2295 | 1187 |